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C =====
C = ROUTINE 6.
C =====

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MT-DUMP: 54MB

PROGRAM MTDUMP

IMPLICIT INTEGER (A-Z)

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CHARACTER CPUNO * 8
CHARACTER FINAM * 11
CHARACTER SENAM (9) * 11
CHARACTER S3TYPE * 6
CHARACTER ASKJO * 42
CHARACTER PTERM * 40

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```

DATA SENAM (1)      /'(AUX)SEMA1'/
DATA SENAM (2)      /'(AUX)SEMA2'/
DATA SENAM (3)      /'(AUX)SEMA3'/
DATA SENAM (4)      /'(AUX)SEMA4'/
DATA SENAM (5)      /'(AUX)SEMA5'/
DATA SENAM (6)      /'(AUX)SEMA6'/
DATA SENAM (7)      /'(AUX)SEMA7'/
DATA SENAM (8)      /'(AUX)SEMA8'/
DATA SENAM (9)      /'(AUX)SEMA9'/
DATA S3TYPE          /'***S3VS'/

```

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DATA ASKJO /'JOB-NUMBER: (0 TERMINATES PROGRAM)-- ? : '/
DATA PTERM /'----- MT-DUMP FINISHED -----'/
IBELL=7B
MINJ=1
MAXJ=9

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C *****
C ASK FOR JOB-NUMBER

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10  WRITE(1,2000)ASKJO
    INPUT(1)JBNO
    IF(JBNO.EQ.0)GOTO 500
    IF(JBNO.LT.MINJ.OR.JBNO.GT.MAXJ)THEN
        WRITE(1,3000)MINJ,MAXJ,IBELL
        GOTO 10
    ENDIF

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C *****
C FIND CORRESPONDING SEMA-FILE.

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FINAM=SENAM(JBNO)

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C *****

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C DUMP JOB IF FOLLOWING CONDITIONS ARE MET.
C   - SEMA-FILE IS NOT EMPTY.
C   - SEMA-FILE.S3TYPE IS S3VS
C   - JOB IS READY FOR DUMPING (NOT ACTIVE)
CALL CHEOCC(FINAM,CPUNO,S3TYPE,IOCCU)
IF(IOCCU.EQ.2)WRITE(1,1000)IBELL
IF(IOCCU.EQ.1)CALL MTAP1(JBNO)
IF(IOCCU.EQ.1)CALL SEMOFF(FINAM,1)

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C *****
C DUMP NEXT JOB IF WANTED
GOTO 10

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C *****

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C TERMINATE PROGRAM
500 WRITE(1,4000)PTERM

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```

1000 FORMAT(/,1H ,A2,*SINTRAN NOT VS-TYPE!!*,/)
2000 FORMAT(/,1H$,A)
3000 FORMAT(/,1H ,*LEGAL JOB-NUMBERS ARE *,I2,3H - ,I2,A2)
4000 FORMAT(/,1H ,A)
END

```

EOF